

Abstract of the Disclosure

A method of retrofitting a home automation zone climate control system into an existing HVAC system. A respective air tube is pulled through each vent of the ductwork, directly or by an intermediate line, by a parachute which is sucked from the vent to the plenum by a blower attached to the plenum or to a primary trunk of the ductwork. The vent end of each air tube is coupled to a respective inflatable bladder which is disposed within the vent or its duct, and the plenum ends of the air tubes are coupled to a valve system located on or near the plenum. The valve system inflates the bladders to block airflow through their respective ducts, and deflates the bladders to permit airflow, thereby controlling which rooms receive conditioned air.